

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/228,866

DATE: 01/22/99
TIME: 16:41:49

INPUT SET: S30890.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Ruoslahti, Erkki
6 Pasqualini, Renata
7
8 (ii) TITLE OF INVENTION: Molecules That Home to a Selected Organ
9 In Vivo
10
11 (iii) NUMBER OF SEQUENCES: 46
12
13 (iv) CORRESPONDENCE ADDRESS:
14 (A) ADDRESSEE: Campbell & Flores LLP
15 (B) STREET: 4370 La Jolla Village Drive, Suite 700
16 (C) CITY: San Diego
17 (D) STATE: California
18 (E) COUNTRY: United States
19 (F) ZIP: 92122
20
21 (v) COMPUTER READABLE FORM:
22 (A) MEDIUM TYPE: Floppy disk
23 (B) COMPUTER: IBM PC compatible
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
26
27 (vi) CURRENT APPLICATION DATA:
28 (A) APPLICATION NUMBER:
29 (B) FILING DATE:
30 (C) CLASSIFICATION:
31
32 (vii) PRIOR APPLICATION DATA:
33 (A) APPLICATION NUMBER: US 08/526,708
34 (B) FILING DATE: 11-SEP-1995
35
36 (viii) ATTORNEY/AGENT INFORMATION:
37 (A) NAME: Campbell, Cathryn A.
38 (B) REGISTRATION NUMBER: 31,815
39 (C) REFERENCE/DOCKET NUMBER: P-LJ 3430
40
41 (ix) TELECOMMUNICATION INFORMATION:
42 (A) TELEPHONE: (619) 535-9001
43 (B) TELEFAX: (619) 535-8949
44
45
46 (2) INFORMATION FOR SEQ ID NO:1:

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47
48 (i) SEQUENCE CHARACTERISTICS:
49 (A) LENGTH: 9 amino acids
50 (B) TYPE: amino acid
51 (D) TOPOLOGY: both
52
53 (ii) MOLECULE TYPE: peptide
54
55
56
57 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
58
59 Cys Asn Ser Arg Leu His Leu Arg Cys
60 1 5
61
62 (2) INFORMATION FOR SEQ ID NO:2:
63
64 (i) SEQUENCE CHARACTERISTICS:
65 (A) LENGTH: 9 amino acids
66 (B) TYPE: amino acid
67 (D) TOPOLOGY: both
68
69 (ii) MOLECULE TYPE: peptide
70
71
72
73 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
74
75 Cys Glu Asn Trp Trp Gly Asp Val Cys
76 1 5
77
78 (2) INFORMATION FOR SEQ ID NO:3:
79
80 (i) SEQUENCE CHARACTERISTICS:
81 (A) LENGTH: 9 amino acids
82 (B) TYPE: amino acid
83 (D) TOPOLOGY: both
84
85 (ii) MOLECULE TYPE: peptide
86
87
88
89 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
90
91 Cys Leu Ser Ser Arg Leu Asp Ala Cys
92 1 5
93
94 (2) INFORMATION FOR SEQ ID NO:4:
95
96 (i) SEQUENCE CHARACTERISTICS:
97 (A) LENGTH: 8 amino acids
98 (B) TYPE: amino acid
99 (D) TOPOLOGY: both

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100
101 (ii) MOLECULE TYPE: peptide
102
103
104
105 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
106
107 Cys Val Leu Arg Gly Gly Arg Cys
108 1 5
109
110 (2) INFORMATION FOR SEQ ID NO:5:
111
112 (i) SEQUENCE CHARACTERISTICS:
113 (A) LENGTH: 9 amino acids
114 (B) TYPE: amino acid
115 (D) TOPOLOGY: both
116
117 (ii) MOLECULE TYPE: peptide
118
119
120
121 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
122
123 Cys Asn Ser Arg Leu Gln Leu Arg Cys
124 1 5
125
126 (2) INFORMATION FOR SEQ ID NO:6:
127
128 (i) SEQUENCE CHARACTERISTICS:
129 (A) LENGTH: 7 amino acids
130 (B) TYPE: amino acid
131 (D) TOPOLOGY: both
132
133 (ii) MOLECULE TYPE: peptide
134
135
136
137 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
138
139 Cys Gly Val Arg Leu Gly Cys
140 1 5
141
142 (2) INFORMATION FOR SEQ ID NO:7:
143
144 (i) SEQUENCE CHARACTERISTICS:
145 (A) LENGTH: 8 amino acids
146 (B) TYPE: amino acid
147 (D) TOPOLOGY: both
148
149 (ii) MOLECULE TYPE: peptide
150
151
152

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153 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

154

155 Cys Lys Asp Trp Gly Arg Ile Cys

156 1 5

157

158 (2) INFORMATION FOR SEQ ID NO:8:

159

160 (i) SEQUENCE CHARACTERISTICS:

161 (A) LENGTH: 8 amino acids

162 (B) TYPE: amino acid

163 (D) TOPOLOGY: both

164

165 (ii) MOLECULE TYPE: peptide

166

167

168

169 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

170

171 Cys Leu Asp Trp Gly Arg Ile Cys

172 1 5

173

174 (2) INFORMATION FOR SEQ ID NO:9:

175

176 (i) SEQUENCE CHARACTERISTICS:

177 (A) LENGTH: 8 amino acids

178 (B) TYPE: amino acid

179 (D) TOPOLOGY: both

180

181 (ii) MOLECULE TYPE: peptide

182

183

184

185 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

186

187 Cys Thr Arg Ile Thr Glu Ser Cys

188 1 5

189

190 (2) INFORMATION FOR SEQ ID NO:10:

191

192 (i) SEQUENCE CHARACTERISTICS:

193 (A) LENGTH: 7 amino acids

194 (B) TYPE: amino acid

195 (D) TOPOLOGY: both

196

197 (ii) MOLECULE TYPE: peptide

198

199

200

201 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

202

203 Cys Glu Thr Leu Pro Ala Cys

204 1 5

205

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206 (2) INFORMATION FOR SEQ ID NO:11:

207

208 (i) SEQUENCE CHARACTERISTICS:

209 (A) LENGTH: 8 amino acids

210 (B) TYPE: amino acid

211 (D) TOPOLOGY: both

212

213 (ii) MOLECULE TYPE: peptide

214

215

216

217 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

218

219 Cys Arg Thr Gly Thr Leu Phe Cys

220 1 5

221

222 (2) INFORMATION FOR SEQ ID NO:12:

223

224 (i) SEQUENCE CHARACTERISTICS:

225 (A) LENGTH: 8 amino acids

226 (B) TYPE: amino acid

227 (D) TOPOLOGY: both

228

229 (ii) MOLECULE TYPE: peptide

230

231

232

233 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:

234

235 Cys Gly Arg Ser Leu Asp Ala Cys

236 1 5

237

238 (2) INFORMATION FOR SEQ ID NO:13:

239

240 (i) SEQUENCE CHARACTERISTICS:

241 (A) LENGTH: 9 amino acids

242 (B) TYPE: amino acid

243 (D) TOPOLOGY: both

244

245 (ii) MOLECULE TYPE: peptide

246

247

248

249 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:

250

251 Cys Arg His Trp Phe Asp Val Val Cys

252 1 5

253

254 (2) INFORMATION FOR SEQ ID NO:14:

255

256 (i) SEQUENCE CHARACTERISTICS:

257 (A) LENGTH: 8 amino acids

258 (B) TYPE: amino acid

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SEQUENCE VERIFICATION REPORT
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Line

Error

Original Text